BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		Total Rs: 24 99 908-00	
		ST- 49998-0	
		VAT- 99996-0	
		Cess- 24999-0	
		CSF- 2500-0	
		FSD- 124995-0	
11/16		LR- 13495-00	
		~~Adv:~~ 15983-	
		Cr/y 4.2 183,925-0	

First and Final Bill | BR/630/28-11-16 | Job code: 010-17-000~~0~~03

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192258

Serial No.. ~~Lay out in~~ Improvements to Roads and drains at 1st 'A' main Nanjappa Layout No. 10

Name of work..... From..... To.....

Name of Contractor of nature of Agency..... Executive Engineer KRIDL

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No: BBMP/EE/BTP/WO/106/2016-17 Dated: 19.08.2016.						
	Est Cost: 25.00 Lakhs						
	Date of Recording: 29.08.2016						
V	Earth work excavation by manual means in ordinary soil involving an average horizontal lift up to 2 m and an average lift up to 0.5 m excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods etc complete as per specification						
	LC Drain	1	30.00	1.00	1.00	30.00	
		1	18.30	1.00	1.00	18.30	
		1	16.00	1.00	1.00	16.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7.50	1.00	1.00	7.50	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	16.80	1.00	1.00	16.80	
		1	30.00	1.00	1.00	30.00	
		1	30.00	1.00	1.00	30.00	
		1	29.60	1.00	1.00	29.60	
		1	30.00	1.00	1.00	30.00	
		1	25.00	1.00	1.00	25.00	
		1	30.00	1.00	1.00	30.00	
		1	16.50	1.00	1.00	16.50	
						339.10 m²	
					ER. 83.66/m³		28191.00
	Sudhan AE						

2) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 190 Kgs with 40mm and down size graded granite metal coarse aggregate @ 0.85 cum and fine aggregate @ 0.57 cum making required concrete laid in

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	layers not exceeding 15cm i plinth including cost of ma
	Nanjappa LLO IM A'Nain

BOOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
·00	1·00	7·50	
·00	1·00	30·00	
·00	1·00	30·00	
·00	1·00	16·80	
·00	1·00	30·00	
·00	1·00	30·00	
·00	1·00	29·60	
·00	1·00	30·00	
·00	1·00	25·00	
·00	1·00	30·00	
·00	1·00	16·50	
		339·10 m²	
CR.	83·66/m³		28191·00
		Jadhav AE	
oncrete of mix 1:4:8 with OPC			
2 granite metal course			
ching mixed concrete layer in			

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192259

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers not exceeding 15cm thick well compacted in foundation in cm cl plinth including cost of materials, labours curing etc complete						
	Nanjappa Lo 1st A Main	1	30·00	1·00	0·15	4·50	
		1	18·30	1·00	0·15	2·75	
		1	16·00	1·00	0·15	2·40	
		1	7·50	1·00	0·15	1·13	
		1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	
		1	16·80	1·00	0·15	2·52	
		1	30·00	1·00	0·15	4·50	
		1	30·00	1·00	0·15	4·50	
		1	29·60	1·00	0·15	4·44	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	0.15	4.50	
		1	25.00	1.00	0.15	3.75	
		1	30.00	1.00	0.15	4.50	
		1	16.50	1.00	0.15	2.48	
						50.85 m³	
					EB.	5020.60/m3	257840=00

Measurement continued on: 28.09.2016

Jadhav
AE

3) Providing and laying cement concrete using 20mm and down size granite jelly & ready mixed concrete (RMC) for RCC works, laid in 15cm thick layers and well compacted vibrating, curing, finishing with necessary cement mortar form work and scaffolding to withstand pumping of concrete with all lead and lift etc complete

IMA Main Drain Bottom Nanjappallo

1	30.00	0.90	0.15	4.05	
1	18.30	0.90	0.15	2.47	
1	16.00	0.90	0.15	2.16	
1	7.50	0.90	0.15	1.01	

Side walls

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1.00	0.15	4.50	
1.00	0.15	3.75	
1.00	0.15	4.50	
1.00	0.15	2.48	
		50.85 m³	
CR.	5020.60/m3		257840=00
			Jadhav AE
...mined on: 28.09.2016			
...p 20mm cend clayon Nise for Rcc works laid in 15cm ...uring. finishing with necessary ...ith stand pumping & concrete			
0.90	0.15	4.05	
0.90	0.15	2.47	
0.90	0.15	2.16	
0.90	0.15	1.01	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192260

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	16.80	0.90	0.15	2.27	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	29.60	0.90	0.15	4.00	
		1	30.00	0.90	0.15	4.05	
		1	25.00	0.90	0.15	3.38	
		1	30.00	0.90	0.15	4.05	
		1	16.50	0.90	0.15	2.23	
	Side walls	2	30.00	0.15	0.65	5.85	
		2	18.30	0.15	0.60	3.29	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	66.00	0.15	0.60	2.88	
		2	7.50	0.15	0.60	1.35	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	16.80	0.15	0.60	3.02	
		2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	0.60	5.40	
		2	29.60	0.15	0.60	5.33	
		2	30.00	0.15	0.65	5.85	
		2	25.00	0.15	0.60	4.50	
		2	30.00	0.15	0.60	5.40	
		2	16.50	0.15	0.60	2.97	
						106.79 m³	
					@ Rs. 6332.00/m³		676199.10
4)	providing TMT Steel reinforcement for RCC work including straightening, cutting bending, hooking, placing in position lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (lap, hooks and wastage shall not be measured and paid)						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	cost of materials labour H
	qty as p
	page n
5)	providing and removing, c
	& form work for vertical su
	attached pilaster suttrec
	materials labour complete

BOOK

ns		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
0·15	0·60	2·88	
0·15	0·60	1·35	
0·15	0·60	5·40	
0·15	0·60	5·40	
0·15	0·60	3·02	
0·15	0·60	5·40	
0·15	0·60	5·40	
0·15	0·60	5·33	
0·15	0·65	5·85	
0·15	0·60	4·50	
0·15	0·60	5·40	
0·15	0·60	2·97	
		106.79 m³	

@ Rs. 6332.00/m³ 676199=00

Jadhav AE

e including staggering, cutting
for welding wherever required
ing members wherever necessary
shall not be measured and paid)

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192261

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cost of materials labour Hire of machine complete as per specification.						
	Qty As per premeasurement Wet Recorded vide page no. 192297. & 192315 MB					7.48 Tonne	
	@ Rs. 59327.91/Tonne						443179- 443452=00
							Jadhav AE
5)	Providing and removing, centering shuttering propping etc and removal of form work for vertical surface such as walls of any thickness including attached pilaster buttresses plinth and string courses of cost of all materials labour complete as per specification						
		4	30.00	-	0.60	72.00	
		4	18.30	-	0.60	43.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	16.00	-	0.60	38.40	
		4	7.50	-	0.60	18.00	
		4	30.00	-	0.60	72.00	
		4	30.00	-	0.60	72.00	
		4	16.80	-	0.60	40.32	
		4	30.00	-	0.60	72.00	
		4	30.00	-	0.60	72.00	
		4	29.60	-	0.60	71.04	
		4	30.00	-	0.60	72.00	
		4	25.00	-	0.60	60.00	
		4	30.00	-	0.60	72.00	
		4	16.80	-	0.60	39.60	
						813.60 m²	
				Rs.	306.72/m²		249547.00

Jadhav
AE

M

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
6)	providing granite slab fixed in cement mortar (1:6 cm th. cl	

14/11

OOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
-	0.60	38.40	
-	0.60	18.00	
-	0.60	72.00	
-	0.60	72.00	
-	0.60	40.32	
-	0.60	72.00	
-	0.60	72.00	
-	0.60	71.04	
-	0.60	72.00	
-	0.60	60.00	
-	0.60	72.00	
-	0.60	39.60	
		813.60 m²	
	306.72/m²		24954.00

Jadhav AE.

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192262

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	b) providing granite slab of selected quality roughly dressed and fixed in cement mortar (1:6) including curing etc complete 7.5 cm thick	1 -	30.00	0.90	-	27.00	
		1 /	18.30	0.90	-	16.47	
		1 /	16.00	0.90	-	14.40	
		1 /	7.50	0.90	-	6.75	
		1 -	30.00	0.90	-	27.00	
		1 /	30.00	0.90	-	27.00	
		1 -	16.80	0.90	-	15.12	
		1 /	30.00	0.90	-	27.00	
		1 /	30.00	0.90	-	27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Checked.	1	29.60	0.90	-	26.64	
		1	80.00	0.90	-	27.00	
		1	25.00	0.90	-	22.50	
		1	30.00	0.90	-	27.00	
		1	16.50	0.90	-	14.85	
						305.10 m²	
					Rs. 642.60/m²		196057=00
	7) Providing chamfering edges to stone slab 2.5 cm wide as per specification (only chamfered length shall be recorded) etc complete as per specification						Badhai AE
		566	3.00	-	-	1695 m	
					Rs. 35.52/m		60410=00
							Badhai AE

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
8)	providing two time dress as per specification
9)	Measu providing and laying with cement @ 200 kg/ course aggregates @ 0.8 mixed concrete laid in in foundation, plinth a

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.90	-	26.64	
0.90	-	27.00	
0.90	-	22.50	
0.90	-	27.00	
0.90	-	14.85	
		305.10 sqm	
	Cft. 642.60/4		196057=00
			Jadhav AE
4.5cm wide as per specification			
le complete as per specification			
-	-	1695 sqm	
	Cft. 35.52/sqm		60410=00
			Jadhav AE

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192263

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	providing two time dressing to granite stone slab / granite stone masonry as per specification						
						305.10 sqm	
						Cft. 924.48/sqm	282059=00
							Jadhav AE
	Measurement continued on 28.10.2016						
9)	providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg with 20mm and down size graded granite metal coarse aggregates @ 0.828 cum and fine aggregates @ 0.455 cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation, plinth and sills including cost of labour etc complete						
		1	30.00	0.35	0.10	1.05	
		1	18.30	0.30	0.10	0.55	

14/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.00	0.30	0.10	0.48	
		1	7.50	0.30	0.12	0.27	
		1	30.00	0.35	0.12	1.26	
		1	30.00	0.30	0.10	0.90	
		1	16.80	0.30	0.12	0.60	
		1	30.00	0.35	0.10	1.05	
		1	30.00	0.35	0.10	1.05	
		1	29.60	0.30	0.12	1.07	
		1	30.00	0.30	0.10	0.90	
		1	25.00	0.35	0.12	1.05	
		1	30.00	0.30	0.10	0.90	
		1	16.50	0.30	0.12	0.59	
						11.70 m³	
							63528
							64241.00

Checked
16/11/11

Limit 11.57
Cft. 5490.72 kg

Zadhav
AE

Serial No.....
Name of work.....
Name of Contractor of nature of A
Date of commencement of work..

Date	Full description, etc, of wo
1	2
10)	Lead for disposal b mechanical means

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.30	0.10	0.48	
0.30	0.12	0.27	
0.35	0.12	1.26	
0.30	0.10	0.90	
0.30	0.12	0.60	
0.35	0.10	1.05	
0.35	0.10	1.05	
0.30	0.12	1.07	
0.30	0.10	0.90	
0.35	0.12	1.05	
0.30	0.10	0.90	
0.30	0.12	0.59	
		11.70 cum	63528
Limit 11.57			64241=00
Est. 5490.72 Lkh			

Jadhav
AE

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192264

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading etc complete.						
		Alg vide Item No:			①	339.00 cum	
				Est. 106.32 Lkh			36048=00
				Sub Total			2293059-
				KRJDL charges @ 8%			183527=00
				Grand Total			2477613=00

Jadhav
AE 28/10/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	certified that the above work done is satisfactorily.						
	Jadhav AE 28/10/16						

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	Sketch
	INDEX
	- CC Drain with RS covering sla
	Jadhav AE

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

bove work done is satisfactorily.

28/10/11

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192265

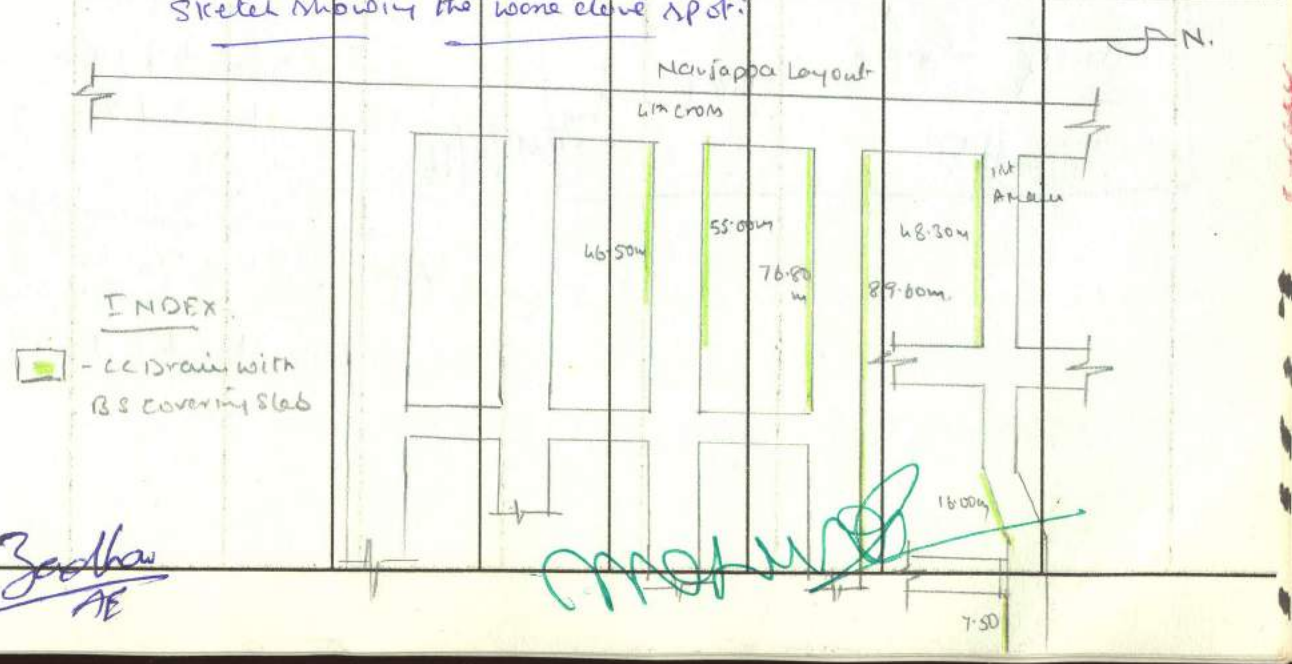
Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sketch showing the work done spot.						



Jadhav
AE

BR630 | 28-11-16.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 2499434-					Total Rs. 24.99434-ಒ	
	ಗಳಿಸಿಪಾಸು ಮೊಬಲಗು : ಇದರಲ್ಲಿ ರೂ 314703-					IT- 49989-ಒ	
	ಹೊಂಬಾಗಕ ಮುರಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು					VAT- 99977-ಒ	
	ರೂ 21,84,731-ಒ					Cess- 24994-ಒ	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					CSF- 2499-ಒ	
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು					FSD-124972-ಒ	
	ಮ್ಯಾನೇಜಮೆಂಟ್ ಆಫ್ ಕಾಲೇಜ್					LR-12272-ಒ	
	ಬಿ. ಟಿ. ಮು. ಪ್ರಾ.				30/11/16		
						Add: 314703-ಒ	
						Charges: 2184731-ಒ	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	